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Attorney Docket: 381TO/41092CO
PATENT

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FEB 04 2000
PATENT & TRADEMARK OFFICE
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: HIROSHI ONISHI ET AL.
Serial No.: NOT YET ASSIGNED 09/498, 856
Filed: FEBRUARY 4, 2000
Title: AUTOMATIC TRANSMISSION CONTROL SYSTEM
FOR AN AUTOMOBILE

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DEC 12 2000

3600 MAIL ROOM

OCT 31 2000

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2700 MAIL ROOM

PRELIMINARY AMENDMENT

Box Non-Fee Amendment

February 4, 2000

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Please enter the following amendments to the claims prior
to the examination of the application.

IN THE CLAIMS:

Please cancel all of the claims presently in the application
and substitute new claims 12-14 as follows:

--12. Control system for an automatic transmission with
torque converter comprising:

first input torque estimating unit for estimating an
input-torque of said automatic transmission using an engine
torque characteristic;